| <b>FORM PTO-1449</b> |  |
|----------------------|--|
| (Rev. 2-32)          |  |

# U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No.

Serial No.

97,022-B2-CO

10/686,161



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

R. Terry Dunlay, et al.

Filing Date:

Group:

October 15, 2003

1641 /631

## **U.S. PATENT DOCUMENTS**

| Examiner<br>Initial | Document Number | Date | Name . | Class | Subclass | Filing<br>Date If<br>Appropriate |
|---------------------|-----------------|------|--------|-------|----------|----------------------------------|
|                     |                 |      |        |       |          |                                  |

#### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initial |    | Document Number | · Date  | Country | Class | Subclass | Trans | slation<br>No |
|---------------------|----|-----------------|---------|---------|-------|----------|-------|---------------|
| PW                  | 1. | WO 97/45730     | 12-4-97 | PCT     |       |          | Х     |               |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| PW  | 2.  | October 15, 1996, Biological Detection, Inc. Changes Name to BioDx, Inc. (Press Release)   |
|-----|-----|--|
|     | 3.  | 8 October 1996, BDI Appoints VP of Business Development From Beckman Instruments. (Press Release)  |
|     | 4.  | 25 September 1996, Biological Detection, Inc. (BDI) and Carl Zeiss Jena, GmbH of Germany Form Worldwide Strategic Alliance in Drug Discovery. (Press Release)  |
|     | 5.  | 24 September 1996, Board of Directors Appoints President and CEO, (Press Release)  |
|     | 6.  | 18 June 1996, New Board Member at Biological Detection Brings Expertise in Cell-Based Screening, (Press Release  |
|     | 7.  | 3 June 1996, New Chair of Scientific Advisory Committee Brings Fluorescence Expertise, (Press Release)   |
|     | 8.  | Benveniste, M., et al., (1989), "Characterization of internalization and endosome formation of epidermal growth factor in transfected NIH-3T3 cells by computerized image-intesified three-dimensional fluorescence microscopy", The Journal of Cell Biology, Vol: 109, pp. 2105-2115. |
|     | 9.  | Carey, K.L, et al., (1996), "Evidence using a green fluorescent protein-glucocorticoid receptor chimera that the RAN/TC4 GTPase mediates an essential function independent of nuclear protein import", The Journal of Cell Biology, Vol. 133, No. 5, pp. 985-996.                      |
|     | 10. | Kolega, J., et al., (1993), "Quantitation of cytoskeletal fibers in fluorescence images: stress fiber disassembly accompanies dephosphorylation of the regulatory light chains of myosin II", Bioimaging, Vol. 1, pp. 136-150.   |
| ·   | 11. | Böcker, W., et al., (1996), "Automated cell cycle analysis with fluorescent microscopy and image analysis", Phys. Med. Biol., Vol. 41, pp. 523-537.  |
| ·\/ | 12. | Pepperkok, R., et al., (1993), "System for quantitation of gene expression in single cells by computerized microimaging: Application to c-fos expression after microinjection of anti-casein kinase II antibody", Experimental Cell Research, Vol. 204, pp. 278-285.                   |

**FORM PTO-1449** U.S. Department of Commerce Atty. Docket No. Serial No. (Rev. 2-32) **Patent and Trademark Office** 97,022-B2-CO 10/686,161 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Applicant: R. Terry Dunlay, et al. Group: Filing Date: 1641 /63/ October 15, 2003

| PW | 13. | Business Wire: "ArrayScan system introduces high throughput cell-based screening", May 28, 1996.   |
|----|-----|--|
|    | 14. | Business Wire/Health Wire: "New Chair of Scientific Advisory Committee Brings Fluorescence Expertise", June 3, 1996.   |
|    | 15. | Business Wire/Health Wire: "Biological Detection, Inc. and Carl Zeiss Yena, GmbH of Germany form worldwide strategic alliance in drug discovery", 25 September 1996.   |
|    | 16. | Auszug aus BioCentury, Rubrik,, Company News: Deals, September 30, 1996.   |
|    | 17. | Business Wire/Health Wire: Biological Detection, Inc. Changes Name to BioDx, Inc.", 15 October 1996.   |
| •  | 18. | Hanakam, F., et al., (1996), Myristoylated and non-myristoylated forms of the pH sensor protein hisoctophilin II: intracellular shuttling to plasma membrane and nucleus monitored in real time by a fusion with green fluorescent protein", The EMBO Journal, Vol: 15, No. 12, pp. 2935-2943. |
|    | 19. | Cole, N.B., et al., (1996), Golgi Dispersal during microtubule disruption: Regeneration of Golgi Stacks at Peripheral Endoplasmic Reticulum Exit Sites", Molecular Biology of the Cell, Vol. 7, pp. 631-650.   |
|    | 20. | Machiels, B.M. et al., (1996), Subcellular localization of proteasomes in apoptotic lung tumor cells and persistence as compared to intermediate filaments", European Journal of Cell Biology, Vol: 70, pp. 250-259.   |
|    | 21. | Yasuhara, N., et al., (1997), "Essential role oof active nuclear transport in apoptosis", Genes to Cells, Vol. 2, pp. 55-64.   |
|    | 22. | Health Wire: BDI appoints VP of Business Development from Beckman Instruments", 8 October 1996.  |
|    | 23. | Pages from BioDx, Inc. Internet Site; Internet Archive Way-back Machine, May 21, 1997.   |
|    | 24. | Rogers, M.V., (1997), "Light on high-throughput screening: Fluorescence-based as say technologies", Drug Discovery Today, Vol: 2, No. 4, pp. 156-160.  |
|    | 25. | Giuliano, K.A., et al., (1997), "High-Content Screening: A new approach to easing key bottlenecks in the drug discovery process", Journal of Biomolecular Screening, Vol. 2, No. 4, pp. 249-259.   |
|    | 26. | Böcker, W., et al., (1995), Image processing algorithms for the automated micronucleus assay in binucleated human lymphocytes", Cytometry, Vol. 19, pp. 283-294.   |
| V  | 27. | D. Lansing Taylor, U.S. Patent Application No. 60/018,696, Filed on May 30, 1996.  |

# FORM PTO-1449 (Rev. 2-32)

# NAM 15 JULY E

# U.S. Department of Commerce. Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Serial No. - \_

97,022-B2-CO

10/686,161

Applicant: R. Terry Dunlay, et al.

Filing Date:

Group:

October 15, 2003

16

#### **U.S. PATENT DOCUMENTS**

| Examiner<br>Initial |     | . Document Number | Date     | Name              | Class    | Subclass | Filing<br>Date if<br>Appropriate |
|---------------------|-----|-------------------|----------|-------------------|----------|----------|----------------------------------|
| PW                  | 1.  | 5,491,084         | 02/13/96 | Chalfie et al.    |          |          |                                  |
| I                   | 2.  | 5,401,629         | 03/28/95 | Harpold et al.    | <u>]</u> | ·        |                                  |
|                     | 3.  | 5,436,128         | 07/25/95 | Harpold et. al.   | ļ        |          |                                  |
|                     | 4.  | 4,783,401         | 11/8/98  | Horan, et al.     |          |          |                                  |
|                     | 5.  | 4,762,701         | 08/09/88 | Horan et al.      |          |          |                                  |
|                     | 6.  | 4,859,584         | 08/22/89 | Horan et al.      | <u> </u> |          |                                  |
| .                   | 7.  | 5,989,835         | 11/23/99 | Dunlay et al.     |          |          |                                  |
|                     | 8.  | 6,103,479         | 08/15/00 | Taylor            |          |          |                                  |
|                     | 9.  | 5,326,691         | 7/5/94   | Hozier            |          | <u></u>  |                                  |
|                     | 10. | 5,384,261         | 1/24/95  | Winkler et al.    | •        |          |                                  |
|                     | 11. | 5,313,264         | 5/17/94  | Ivarrson et al.   |          |          |                                  |
|                     | 12. | 4,673,988         | 6/16/87  | Jansson et al.    |          |          |                                  |
|                     | 13. | 5,096,807         | 3/17/92  | Leaback           |          |          |                                  |
| .(                  | 14. | 5,556,752         | 9/17/96  | Lockhart et al.   |          |          |                                  |
|                     | 15. | 5,143,854         | 9/1/94   | Pirrung et al.    |          |          |                                  |
|                     | 16. | 5,324,591         | 6/28/94  | Georger et al.    |          |          |                                  |
|                     | 17. | 5,233,369         | 8/3/93   | Carlotta et al.   | <u> </u> |          |                                  |
|                     | 18. | 5,486,855         | 1/23/96  | Carlotta et al.   |          |          |                                  |
|                     | 19. | 5,502,467         | 3/26/96  | Hoisington et al. |          |          |                                  |
|                     | 20. | 4,982,739         | 1/8/91   | Hemstreet et al.  |          |          |                                  |
|                     | 21. | 5,031,797         | 7/16/91  | Boris et al.      |          |          |                                  |

|   | EXAMINER | /Pablo Whaley/ | (02/27/2007) | DATE CONSIDERED |
|---|----------|----------------|--------------|-----------------|
| 1 | !        |                |              |                 |

## **U.S. PATENT DOCUMENTS**

| Examiner<br>Initial |     | Document Number | Date Name |                  | Class | Subclass | Filing<br>Date if<br>Appropriate |
|---------------------|-----|-----------------|-----------|------------------|-------|----------|----------------------------------|
| PW                  | 22. | 5,585,069       | 12/17/96  | Zanzucchi et al. |       |          |                                  |
|                     | 23  | 5,571,410       | 11/5/96   | Swedberg et al.  |       |          |                                  |
|                     | 24. | 5,500,071       | 3/19/96   | Kaltenbach       |       |          |                                  |
|                     | 25. | 4,344,816       | 8/17/82   | Craighead et al. |       |          |                                  |
|                     | 26. | 5,581,487       | 12/3/96   | Kelly et al.     |       |          |                                  |
|                     | 27. | 5,567,294       | 10/22/96  | Dovichi et al.   |       |          |                                  |
|                     | 28. | 5,527,673       | 6/18/96   | Reinhartz et al. |       |          |                                  |
|                     | 29. | 5,548,661       | 8/20/96   | Price et al.     |       |          |                                  |
|                     | 30. | 5,355,215       | 10/11/94  | Schroeder et al. |       | <u></u>  |                                  |
|                     | 31. | 5,670,113       | 9/23/97   | Akong et al.     | ٠     |          |                                  |
|                     | 32. | 5,732,150       | 3/24/98   | Zhou et al.      |       |          |                                  |
|                     | 33. | 5,790,710       | 8/4/98    | Price et al.     |       |          |                                  |
|                     | 34. | 5,885,840       | 3/23/99   | Kamentsky et al. |       |          |                                  |
|                     | 35. | 5,072,382       | 12/10/91  | Kamentsky et al. |       |          |                                  |
|                     | 36. | 5,107,422       | 4/21/92   | Kamentsky et al. |       |          |                                  |
|                     | 37. | 4,647,531       | 3/3/87    | Kamentsky et al. |       |          |                                  |
| V                   | 38. | 5,919,646       | 7/6/99    | Okun et al.      |       |          |                                  |

# FOREIGN PATENT DOCUMENTS

|                         |     | Document Number | Date     | Country | Class | Subclass | Trans<br>Yes | lation<br>No |
|-------------------------|-----|-----------------|----------|---------|-------|----------|--------------|--------------|
| PW                      | 39. | WO 96/27675     | 9/12/96  | PCT     |       |          |              |              |
| 1                       | 40. | WO 96/23898     | 8/8/96   | PCT     |       |          |              |              |
|                         | 41. | WO 95/21191     | 08/10/95 | PCT     |       |          |              |              |
|                         | 42. | WO 95/07463     | 3/16/95  | PCT     | ļ     |          |              |              |
|                         | 43. | WO 96/09598     | 03/28/96 | PCT     |       |          |              |              |
|                         | 44. | WO 94/11841     | 5/26/94  | PCT     |       |          |              |              |
| $\overline{\mathbf{V}}$ | 45. | WO 87/02802     | 5/7/87   | PCT     |       |          |              |              |

| EXAMINER | /Pablo Whaley/ | (02/27/2007) | DATE CONSIDERED |
|----------|----------------|--------------|-----------------|
| 1        |                |              |                 |

#### **FOREIGN PATENT DOCUMENTS**

|    |     |                 |         |            |       |          | Trans | slation |
|----|-----|-----------------|---------|------------|-------|----------|-------|---------|
|    |     | Document Number | Date    | Country    | Class | Subclass | Yes   | No      |
| PW | 46. | 4(1992)-69776   | 3/4/92  | Japanese   |       |          | X     |         |
| PW | 47. | H1-165958       | 6/29/89 | Japanese   |       |          | X     |         |
| PW | 48. | 5-501151        | 3/4/93  | Japanese   |       |          | X     |         |
|    | 49. | S61-31282       | 2/4/86  | . Japanese |       |          | X     |         |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| PW       | 50. | Aplin and Hughes, (1997), Anal. Biochem., 113: pp. 144-148.  |
|----------|-----|--|
|          | 51. | Bailey, et al., (1993), Nature, 366: pp. 44-48.  |
|          | 52. | Barak et al., (1997), J. Biol. Chem, 272(44):27497-27500.  |
|          | 53. | Barber et al., (1996), Neuroscience Letters, 207:17-20.  |
|          | 54. | Beggs (1997), J. of Biomolec. Screening, 2(2):71-78.   |
| ·        | 55. | Bell, Jr., et al., (1987), J. Histochem. And Cytochem., 35: pp. 1375-1380.   |
|          | 56. | Bhatia, et al., (1993), Analytical Biochemistry, 208: pp. 197-205.   |
| <u> </u> | 57. | Brejc, et al., (1997), Proc. Natl. Acad. Sci., 94: pp. 2306-2311.  |
|          | 58. | Bright et al., (1987), J. Cell Biol., 104:1019-1033.   |
|          | 59. | Bright et al., (1989), Methods in Cell Biology, 30:157-192.  |
|          | 60. | Bright et al., (1989), J. Cell. Physiol., 141:410-419.   |
|          | 61. | Bright et al., (1996), Cytometry, 24:226-233.  |
|          | 62. | Brinkley, (1992), Bioconjugate Chem., 3: pp. 2-13.   |
|          | 63. | Bulinski et al., (1997), J. Cell Science, 110: pp. 3055-3064.  |
|          | 64. | Calvert, et al., (1994), Journal of Vacuum Science and Technology B12: pp. 3884-3997.  |
|          | 65. | Calvert, et al., (1995), In Thin Films, Vol. 20: Organic Thin Films and Surfaces: Directions for the Nineties, A. Ulman, Ed., Academic Press, Boston, pp. 109-141. |
|          | 66. | Chalfie et al., (1994), Science, 263:802-805.  |
| •        | 67. | Channavajjala, et al., (1997), J. Cell. Sci., 110: pp. 249-256.  |
|          | 68. | Chen et al., (1997), Biophysical Journal, 72: pp. 37-50.   |
|          | 69. | Cheng, et al., (1996), Nature Biotechnology, 14: pp. 606-609.  |
| V        | 70. | Chrisey, et al., (1994), Proceedings, Materials Research Society, 330: pp. 179-184.  |

| ſ |          |                |              |                 |
|---|----------|----------------|--------------|-----------------|
| ١ | EXAMINER | /Pablo Whaley/ | (02/27/2007) | DATE CONSIDERED |
| ı |          |                |              |                 |

| PW | 71.   | Chrisey, et al., (1996), Nucleic Acids Research, 24: pp. 3031-3039.                       |
|----|-------|---|
|    | 72.   | Chrisey, et al., (1996), Nucleic Acids Research, 24: pp. 3040-3047.                       |
|    | 73.   | Clarke and McNeil, (1992), J. Cell Science, 102: pp. 533-541.                             |
|    | . 74. | Clarke et al., (1994), BioTechniques, 17: pp. 1118-1125.                                  |
|    | 75.   | Cohen, (1997), Biochemical J., 326:1-16.  |
|    | 76.   | Craighead, et al., (1980), Appl. Phys. Lett., 37: pp. 653-655.                            |
|    | 77.   | Craighead, et al., (1982), J. Vac. Sci. Technology., 20: pp. 316-319.                     |
|    | 78.   | Cubitt et al., (1995), Trends in Biochemical Science, 20:448-455.                         |
|    | 79.   | Daaka et al., (1998), J. Biol. Chem., 273(2):685-688.                                     |
|    | 80.   | Davis et al., (1995), Dev. Biology, 170:726-729.  |
|    | 81.   | DeBiasio et al., (1996), Mol. Biol. Cell, 7:1259-1282.                                    |
|    | 82.   | Denk et al., (1990), Science, 248:73-76.  |
|    | 83.   | Deprez et al., (1997), J. Biol. Chem., 272(28):17269-17275.                               |
|    | 84.   | Dulcey, et al.,(1991), Science, 252: pp. 551-554.   |
|    | 85.   | Dulcey, et al., (1996), Langmuir, 12: pp. 1638-1650.                                      |
|    | 86.   | Ehrig, et al., (1995), FEBS Letter, 367: pp. 163-166.                                     |
|    | 87.   | Ellenberg et al., (1997), J. Cell Biol., 138(6):1193-1206.                                |
|    | 88.   | Farkas et al., (1993), Annu. Rev. Physiol., 55:785-817.                                   |
|    | 89.   | Federov et al., (1994), J. Mol. Biol., 241:480-482.                                       |
|    | 90.   | Firestone et al., (1991), Cytometry, 12:195-206.  |
|    | 91.   | Frisch, et al., (1996), Bioconjugate Chem., 7: pp. 180-186.                               |
|    | 92.   | Gerrittsen et al., (1997), J. of Fluorescence, 7(1):11-15.                                |
| 5  | 93.   | Giuliano et al., (1995), Curr. Op. Cell Biol., 7:4-12.                                    |
|    | 94.   | Giuliano et al., (1995), Methods in Neuroscience, 27:1-16.                                |
|    | 95.   | Giuliano et al., (1987), Anal. Biochem., 167:362-371.                                     |
|    | 96.   | Giuliano et al., (1990), Optical Microscopy for Biology, pp. 543-557.                     |
|    | 97.   | Giuliano et al., (1995), Annu. Rev. of Biophysics and Biomolecular Structure, 24:405-434. |
|    | 98.   | Giuliano, (1996), Cell Motil. Cytoskel., 35:237-253.                                      |
| V  | 99.   | Go et al., (1997), Analytical Biochemistry, 247:210-215.                                  |

| EXAMINER | /Pablo Whaley/ (02/27/2007) | DATE CONSIDERED |
|----------|-----------------------------|-----------------|
|          |                             |                 |

| PW            | 100. | Goldmacher, et al., (1992), Bioconjugate Chem., 3: pp. 104-107.   |
|---------------|------|---|
| <u> </u>      | 101. | Goldman et al., (1995), Experimental Cell Research, 221:311-319.  |
| _             | 102. | Gonzales et al., (1995), Biophysics J., 69: pp. 1272-1280.  |
|               | 103. | Gonzales et al., (1987), Digital Image Processing, pp. 391-448.   |
|               | 104. |   |
|               |      | Gough et al., (1993), J. Cell Biol., 121(5):1095-1107.  |
|               | 105. | Grabarek and Gergely, (1990), Anal. Biochem., 185: pp. 131-135.   |
|               | 106. | Graham et al., (1973), Virology, 52:456-467.  |
|               | 107. | Gratton et al., (1994), Proc. of the Microscopical Society of America, pp. 154-155.   |
|               | 108. | Groen et al., (1985), Cytometry, 6:81-91.   |
| <u></u>       | 109. | Hahn et al., (1992), Nature, 359:736-738.   |
|               | 110. | Hahn et al., (1993), Fluorescent and Luminescent Probes for Biological Activity, W.T. Mason, (ed.), pp. 349-359, Academic Press, San Diego.   |
| •             | 111. | Harms et al., (1984), Cytometry, 5:236-243.   |
|               | 112. | Harootunian et al., (1993), Mol. Biol. of the Cell, 4:993-1002.   |
|               | 113. | Haselhoff, et al., (1997), Proc. Natl. Acad. Sci., 94: pp. 2122-2127.   |
| •             | 114. | Haugland, Fluorescent Tracers of cell morphology and fluid flow, in Handbook of Fluorescent Probes and Research Chemicals, 6 <sup>th</sup> edition, ed. By Spence, Molecular Probes, Inc. Eugene OR, PP. 325-331, (1996). |
|               | 115. | Heim and Tsien (1996), Curr. Biol., 6:178-182.  |
|               | 116. | Htun et al., (1996), Proc. Natl. Acad. Sci., 93:4845-4850.  |
|               | 117. | Hu et al., (1995), FEBS Letters, 369:331-334.   |
|               | 118. | Johnson et al., (1996), Cell, 85:149-158.   |
|               | 119. | Johnson et al., (1985), J. Electron Microscopy Tech., 2: pp. 129-138.   |
|               | 120. | Kaether et al., (1995), FEBS Letters, 369:267-271.  |
|               | 121. | Kahl, et al., (1997), J. Biomol. Screening, 2: pp. 33-40.   |
|               | 122. | Kapur, et al., (1996), Journal of Biomedical Materials Research, 33: pp. 205-216.   |
|               | 123. | Kebler et al., (1996), FEBS Letters, 395:225-227.   |
|               | 124. | Kessler et al., (1991), Spectrochimica Acta, 47A(2):187-192.  |
|               | 125. | Kislauskis et al., (1994), J. Cell Biol., 127(2):441-451.   |
|               | 126. | Kittler et al., (1985), Computer Vision, Graphics, and Image Processing, 30:125-147.  |
| $\mathcal{J}$ | 127. | Kleinfeld, et al., (1988), J. Neuroscience, 8: pp. 4098-4120.   |
| $\Psi^-$      | 128. |   |

| EXAMINER /Pablo Whaley/ (02/27/2007) DATE CONSIDERED | EXAMINER /I | Pablo Whaley/ (02/27/2007) |  | DATE CONSIDERED |
|--|-------------|----------------------------|--|-----------------|
|--|-------------|----------------------------|--|-----------------|

| PW | 129. | Lambrechts et al., (1995), Eur. J. Biochem., 230:281-286.  |
|----|------|--|
|    | 130. | Lee et al., (1996), Biochemistry, 35:6010-6019.  |
|    | 131. | Lee et al., (1997), Biochemistry, 36:2701-2708.  |
|    | 132. | Liang et al., (1997), J. of Molec. Biol., 274:291-302.   |
|    | 133. | Lopez, et al., (1993), J. Am. Chem. Soc., 115: pp. 5877-5878.  |
|    | 134. | Martinez-Zaguilan et al., (1996), Am. J. Physiol., 270:C1438-C1446.  |
|    | 135. | McCaffrey et al., (1996), J. Biomolec. Screening, 1(4):187-190.  |
|    | 136. | McCann et al., (1997), Proc. Natl. Acad. Sci., 94:5679-5684.   |
|    | 137. | McKenzie, et al., (1988), J. Prot. Chem., 7: pp. 581-592.  |
|    | 138. | McNeil et al., (1984), J. Cell Biol. 98: pp. 1556-1564.  |
|    | 139. | McNeil, (1989), Methods in Cell Biology, 29:153-173.   |
|    | 140. | Morise et al., (1974), Biochemistry, 13(12):2656-2662.   |
|    | 141. | Mrkisch and Whitesides, (1996), Ann. Rev. Biophys. Biomol. Struct., 25: pp. 55-78.   |
|    | 142. | Oancea et al., (1998), The Journal of Cell Biology, 140(3): pp. 485-498.   |
|    | 143. | Palm et al., (1997), Nat. Struct. Biol., 4(5):361-365.   |
|    | 144. | Pillai, (1987), In Organic Photochemistry Volume 9, ed. A. Padwa, Marcel Dekker, Inc. NY, pp. 225-323.   |
|    | 145. | Pillai, (1980), Synthesis, pp. 1-26.   |
|    | 146. | Poot, et al., (1996), J. Histochem. And Cytochem., 44: pp. 1363-1372.  |
|    | 147. | Post et al., (1995), Mol. Biol. Of the Cell, 6: pp. 1755-1768.   |
|    | 148. | Presley et al., (1997), <i>Nature</i> , 389:81-85.   |
|    | 149. | Prime and Whitesides, Science, 252: pp. 1164-1167.   |
|    | 150  | Proffitt et al., (1996), Cytometry, 24:204-213.  |
|    | 151  | Ridler et al., (1978), IEEE Trans. Systems, Man, and Cybernetics, 8:630-632.   |
|    | 152  | Rizzuto et al., (1995), Curr. Biology, 5(6):635-642.   |
|    | 153  | Rizzuto et al., (1992), Nature, 358: pp. 325-327.  |
|    | 154  | Russ, (1992), The Image Processing Handbook, CRC Press Inc., 225-275.  |
|    | 155  | Sawin, et al., (1993), In Biological Techniques: Fluorescent and Luminescent Probes for Biological Activity, ed., W.T. Mason, Academic Press, pp. 405-419. |
|    | 156  | Scneckenburger, et al., (1997), Photochemistry and Photobiology, 66(1), pp. 34-41.   |
| V  | 157  | Self et al., (1995), Methods in Enzymology, 256:3-10.  |
|    |      |  |

| EXAMINER | /Pablo Whaley/ (02/27/2007) | DATE CONSIDERED |
|----------|-----------------------------|-----------------|
|          |                             |                 |

| PW | 158.  | Self and Thompson, (1996), Nature Medicine, 2: pp. 817-820.                             |
|----|---|---|
| 1  | 159.  | Senter, (1985), Photochem. And Photobiol., 42: pp. 231-237.                             |
|    | 160.  | Shimoura et al., (1988), J. of Biochemistry, 251:405-410.                               |
|    | 161.  | Schroeder and Neagle, (1996), J. Biomol. Screening, 1: pp. 75-80.                       |
|    | 162. Sigal, et al., (1996), Anal. Chem., 68: pp. 490-497.  163. Singhvi, et al., (1994), Science, 264: pp. 696-698. |   |
|    |   |   |
|    | 164.  | Southwick et al., (1990), Cytometry, 11:418-430.  |
|    | 165.  | Spargo, et al., (1994), PNAS, 91: pp. 11070-11074.                                      |
|    | 166.  | Stenger, et al., (1992), Journal of the American Chemical Society, 114: pp. 8435-8442.  |
|    | 167.  | Suh, et al., (1983), Proc. SPIE, 382: pp. 199-201.                                      |
|    | 168.  | Sutoh, (1982), Biochemistry, 21:3654-3661.  |
|    | 169.  | Swaninathan et al, (1997), Biophysics J., 72: pp. 1900-1907.                            |
|    | 170.  | Tanaka et al., (1987), Applied Optics, 26(16): pp. 3301-3307.                           |
|    | 171.  | Tanaka et al., (1995), Methods in Enzymology, 256:41-49.                                |
|    | 172.  | Tarasova et al., (1997), The Journal of Biological Chemistry, 272(23): pp. 14817-14824. |
|    | 173.  | Taylor et al., (1992), American Scientist, 80:322-335.                                  |
|    | 174.  | Taylor et al., (1994), J. Biol. Chem., 269(1):308-318.                                  |
|    | 175.  | Taylor et al., (1996), Intl. Soc. for Optical Engineering, 2678: 15-27.                 |
|    | 176.  | Taylor et al., (1994), Toxicologic Pathology, 22: pp. 145-159.                          |
|    | 177.  | Thevinin, et al., (1992), Eur. J. Biochem., 206: pp. 471-477.                           |
|    | 178   | Thomas et al., (1979), Biochemistry, 18(11):2210-2218.                                  |
|    | 179   | Tsien, (1989), Methods in Cell Biology, 30:127-156.                                     |
|    | 180   | Tyagi et al., (1996), Nat. Biotechnol., 14:303-308.                                     |
|    | 181   | . Waggoner et al., (1996), Hum. Pathol., 27:494-502.                                    |
|    | 182   | . Walker et al., (1993), J. Biol. Chem. 268:19552-19558.                                |
|    | 183   | . Wang, (1989), Methods in Cell Biology, 29: pp. 1-12.                                  |
|    | 184   | Ward et al., (1980), Photochem. Photobiol., 31:611-615.                                 |
|    | 185   | Welch et al., (1995), In Vitro Cell. Dev. Biol-Animal. 31:610-616.                      |
| V  | 186   | Willner and Rubin, (1996), Chem. Int. Ed. Engl., 35: pp. 367-385.                       |
| V  | 187   | Yen, et al., (1989), Makromol. Chem., 190: pp. 69-82.                                   |

| EXAMINER | /Pablo Whaley/ | (02/27/2007) | DATE CONSIDERED |
|----------|----------------|--------------|-----------------|

| FORM PTO-1449<br>(Rev. 2-32) | U.S. Department of Commerce<br>Patent and Trademark Office                       | Atty. Docket No.<br>97,022-B2-CO    | Serial No.<br>10/686,161 |  |
|------------------------------|--|-------------------------------------|--------------------------|--|
| STATEMEN                     | INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary) |                                     |                          |  |
| IAH 1 2 7005 E               |  | Applicant:  R. Terry Dunlay, et al. |                          |  |
| CATELIN & TE MENTE           | ·  | Filing Date:<br>October 15, 2003    | Group: 1641 (63)         |  |

#### **U.S. PATENT DOCUMENTS**

|    | miner<br>itial |     | Document<br>Number | Issued Date or<br>Publication Date | Name                     | Class | Subclass | Filing<br>Date if<br>Appropriate |
|----|----------------|-----|--------------------|------------------------------------|--------------------------|-------|----------|----------------------------------|
| PW |                | 1.  | 5,627,908          | May 6, 1997                        | Shih-Jong J. Lee, et al. |       |          | September 20, 1994               |
|    |                | 2.  | 6,620,591          | September 16,<br>2003              | R. Terry Dunlay, et al.  |       |          | April 16, 1999                   |
| •  |                | 3.  | 6,727,071          | April 27, 2004                     | R. Terry Dunlay, et al.  |       |          | February 27,1998                 |
|    |                | 4.  | 6,759,206          | July 6, 2004                       | Richard Rubin, et al.    |       |          | July 12, 1999                    |
|    | •              | 5.  | 6,573,039          | June 3, 2003                       | R. Terry Dunlay, et al.  |       |          | August 29, 2000                  |
|    |                | 6.  | 6,416,959          | July 9, 2002                       | Kenneth Giuliano, et al. |       |          | February 25, 2000                |
|    |                | 7.  | 6,716,588          | April 6, 2004                      | Paul Sammak, et al.      |       |          | December 8, 2000                 |
|    |                | 8.  | 6,671,624          | December 30,<br>2003               | R. Terry Dunlay, et al.  |       |          | November 27, 2000                |
|    |                | 9.  | 2003-0204316-A1    | October 30, 2003                   | R. Terry Dunlay, et al.  |       |          | May 6, 2003                      |
|    |                | 10. | 2004-0009539-A1    | January 15, 2004                   | R. Terry Dunlay, et al.  |       |          | April 11, 2003                   |
|    | ,              | 11. | 2004-0101912-A1    | May 27, 2004                       | Richard Rubin, et al.    |       |          | October 15, 2003                 |
| V  | /              | 12. | 2003-0096322-A1    | May 22, 2003                       | Kenneth Giuliano, et al. |       |          | March 19, 2002                   |

## FOREIGN PATENT DOCUMENTS

|          | Document Number | Date | Country | Class | Subclass | Translation |    |
|----------|-----------------|------|---------|-------|----------|-------------|----|
|          |                 |      |         |       |          | Yes         | No |
| <u> </u> |                 |      |         | ·     |          |             |    |

| EXAMINER | /Pablo Whaley/ (02/ | /27/2007) | DATE CONSIDERED |
|----------|---------------------|-----------|-----------------|
|          |                     |           |                 |